

METHODS AND DEVICES FOR RECONSTRUCTING VISUAL STIMULI OBSERVED THROUGH BROWSER-BASED INTERFACES OVER TIME

ABSTRACT

5 In one embodiment, the invention allows an operator to identify a
specific article of online-content to be reconstructed and displayed, and specify
a duration of time to be used when graphically representing what areas of the
visual stimuli were actually visible to the user. First, the operator selects an
10 article of online-content based on its original network address, or from a
substitute name from a database that contains a record of all online-content
visited by the original user. Next, the operator enters a specific duration of time
to reconstruct, preferably by using slider-bar, a timeline equal to duration,
preferably the maximum duration, that the online content was visible to the
15 original user. Next, the user selects from various compositions that can be used
to represent the visual stimuli as it was originally displayed to the user. Finally,
the original visual stimuli displayed to the user is recreated based on the article
of online content and period of time specified, using the selected form of
composition. In yet another embodiment, the invention is a method for
20 retrieving multiple instances of an article of online content from a database of
previously recorded content. In yet a further embodiment, the invention is a
method for reconstructing visual stimuli as originally displayed to a user as one
form of composition. Still another embodiment of the invention is a method for
reconstructing a field of visual stimuli that could be observed by a user as one
form of composition.